Recombinant Human HAX1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HAX1-3105H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HAX1 MS Standard C13 and N15-labeled recombinant protein (NP_006109) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is known to associate with hematopoietic cell-specific Lyn substrate 1, a substrate of Src family tyrosine kinases. It also interacts with the product of the polycystic kidney disease 2 gene, mutations in which are associated with autosomal-dominant polycystic kidney disease, and with the F-actin-binding protein, cortactin. It was earlier thought that this gene product is mainly localized in the mitochondria, however, recent studies indicate it to be localized in the cell body. Mutations in this gene result in autosomal recessive severe congenital neutropenia, also known as Kostmann disease. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	31.6 kDa
AA Sequence	MSLFDLFRGFFGFPGPRSHRDPFFGGMTRDEDDDEEEEEEGGSWGRGNPRFHSP QHPPEEFGFGFSFSPGGGIRFHDNFGFDDLVRDFNSIFSDMGAWTLPSHPPELPGP ESETPGERLREGQTLRDSMLKYPDSHQPRIFGGVLESDARSESPQPAPDWGSQRP FHRFDDVWPMDPHPRTREDNDLDSQVSQEGLGPVLQPQPKSYFKSISVTKITKPDG

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	IVEERRTVVDSEGRTETTVTRHEADSSPRGDPESPRPPALDDAFSILDLFLGRWFRS RTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	HAX1 HCLS1 associated protein X-1 [Homo sapiens (human)]
Official Symbol	HAX1
Synonyms	HAX1; HCLS1 associated protein X-1; HCLS1-associated protein X-1; HCLS1 (and PKD2) associated protein; HCLSBP1; HS1BP1; HAX-1; HSP1BP-1; HS1 binding protein; HS1-binding protein 1; HS1-associating protein X-1; SCN3; FLJ17042; FLJ18492; FLJ93803;
Gene ID	10456
mRNA Refseq	NM_006118
Protein Refseq	NP_006109

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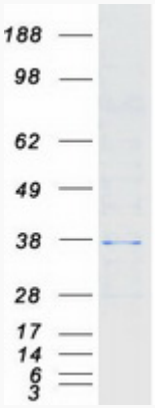
MIM	605998
UniProt ID	O00165
SDS-PAGE	

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